

BARRIER WALL MARKERS
36' SPACING
SEE STANDARD
TCP-109.02

TEMPORARY EDGE LINE STRIPING
SHOULD BE 12' + FROM BARRIER WALL

TYPE 3 OBJECT MARKER
REFLECTIVE (ORANGE & WHITE)
PER MSHA STANDARDS
12" X 36"
DM3

NOTE: THERE SHALL BE NO
BARRIER MARKERS LOCATED
ON THE TAPERED BARRIER
WALL SECTION.

NUMBER AND PLACEMENT OF
CRASH CUSHIONS VARIES ON
CONDITIONS. SEE MSHA AND/OR
MANUFACTURERS REQUIREMENTS

*500' +/- CHANNELIZING DRUM

TAPERED BARRIER WALL
SECTION FLARE RATE
17:1 DESIRABLE
11:1 MINIMUM

* TYPICAL BUFFER LENGTH (OPTIONAL)

SPEED (MPH)	LENGTH (FT)
50	500' +/-
40	400' +/-
30	300' +/-
25	200' +/-

1/3 L *

HIGHWAY SHOULDER

FORMULAS FOR L *

SPEED	FORMULA
40 MPH OR LESS	$L = \frac{WS^2}{60}$
45 MPH OR MORE	$L = W \times S$

L = TAPER LENGTH IN FEET

W = WIDTH OF OFFSET IN FEET

S = POSTED SPEED, OFF-PEAK
85TH PERCENTILE SPEED PRIOR
TO WORK STARTING, OR THE
ANTICIPATED OPERATING SPEED
IN MPH.

REVISION BY	DATE	APPROVED

DATE	01/01/01	TRAFFIC OPERATIONS SECTION MONTGOMERY COUNTY, MARYLAND
DES. BY	MCDPWT	
DRAWN BY	TCLE	ADVANCE CHANNELIZATION AND PROTECTION FOR BARRIER FLARE SECTIONS
SCALE	NTS	APPROVED _____ CHIEF, TRAFFIC OPERATIONS SECTION
		STANDARD TCP-109.01 OF SHEETS